

2028 Academic Planning Form: ENVIRONMENTAL BIOLOGY B.S.

5/31/2024

	Fall Semester	# of Credits	Spring Semester	# of Credits	Total Year Credits
1st Year	DWC 101 (4 credit hrs; Honors 5 credit hrs)	4	DWC 102 (4 credit hrs; Honors 5 credits hrs)	4	
	BIO 103 General Biology I (Natural Science Core)	4	BIO 104 General Biology II	4	
	CHM 101 General Chemistry I (Natural Science Core)	4	CHM 102 General Chemistry II	4	
	MTH 109 Calculus I (Quantitative Reasoning Core)	3	Core or Env Humanities/Social Sci (see Note 3)	3	
		15		15	
2nd Year	DWC 201 (4 credit hrs; Honors 5 credit hrs)	4	DWC 202 (4 credit hrs; Honors 5 credits hrs)	4	
	BIO 202 Foundations of Environmental Biology (Writing II Proficiency)	3	BIO 250 Biogeochemistry	3	
	MTH 218 Biostatistics	3	BIO 340 Environmental Methods & Statistical Analysis	4	
	BIO Elective or Field Based Elective w/lab	3 or 4	BIO Elective	3	
	Core/Elective	3	Core or Env Humanities/Social Sci (see Note 3)	4	
		17		17	
3rd Year	BIO Elective or Field Based Elective w/lab	3 or 4	BIO Elective or Field Based Elective w/lab	3 or 4	
	BIO Elective or Free Elective	3	BIO Elective or Free Elective	3	
	Env Humanities/Social Sci (see Note 3)	3	Env Humanities/Social Sci (see Note 3)	3	
	Env Humanities/Social Sci (see Note 3)	3	Core/Elective	3	
	Core or Free Elective (Research or Internship encouraged)	3	Core or Free Elective (Research or Internship encouraged)	3	
		12		12	
4th Year	BIO Elective or Field Based Elective w/lab	3 or 4	BIO Elective or Field Based Elective w/lab	3 or 4	
	BIO Elective or Free Elective	4	BIO Elective or Free Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core/Elective	3	Core/Elective	3	
	Core or Free Elective (Research or Internship encouraged)	3	Core or Free Elective (Research or Internship encouraged)	3	
		13		12	
Graduation Requirement includes a minimum of 120 credit hours			Total Program of Study Credits		113

NOTES: 1) **BIO ELECTIVES** must be from: **BIO 220, 225, 230, 240, 310, 350, 395, 396, 401, 450, 451, 495, 496, ATS course with Chair permission (475, 476, 479, 480),** or these interdisciplinary courses: INT 379, MTH 110, PSCI 212 (Geology at RI College with pre-approval) Core or Env Humanities/Social Sci (see Note 3)
 2) **Field-Based Lab Courses** must be from: **BIO 220, 240, 350, 401, ATS courses with Chair permission (BIO 476, 479, 480)**
 3) **TWO OR MORE** of the following **Environmental Humanities /Social Science** courses are **HIGHLY RECOMMENDED** and many will fulfill core/proficiency requirements. ECN 335, ECN 342, ENG 440, ENG 441, GST 418, PHI 239, PHI 339, PHI 429, PSC 217, PSC 318, SOC 333, THI 324

Core requirements include a foundational component and satisfaction of all proficiencies.

Foundational Component:	Proficiencies:
<ul style="list-style-type: none"> DWC - 4 semester sequence, 16-20 cr. Theology (200 & 300 level) - 6 cr. Philosophy (1 Ethics) - 6 cr. Natural Science - 3 cr. (BIO 103 or CHM 101)** Social Science - 3 cr. Quantitative Reasoning - 3 cr. (MTH 109)** Fine Arts - 3 cr. 	<ul style="list-style-type: none"> Intensive Writing - I Intensive Writing - II (fulfilled by BIO 202)** Diversity Civic Engagement Oral Proficiency

Major Requirements :

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| <ul style="list-style-type: none"> BIO 103, BIO 104, BIO 202, BIO 250, BIO 340 CHM 101, CHM 102 2 FIELD-BASED Lab courses (See Note 2) | <ul style="list-style-type: none"> 5 BIO ELECTIVES (see Note 1) -- 2 of which must be lab courses and cannot overlap with the Field-based courses (See Note 2) MTH 109, MTH 218 |
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